

CLAIMS**WHAT IS CLAIMED IS:**

- 5 1. A direct-point attachment glazing (bolted glass) system comprising:
 (1) a polymer interlayer (2) at least one sheet of glass; (3) at least
 one receptor for an attachment means; and (4) at least one
 attachment means, wherein the polymer interlayer is bonded on at
 least one surface to at least one sheet of glass, and wherein at
10 least one receptor is adhesively bonded to the glass by the polymer
 interlayer in such a way that the receptor is positioned to
 mechanically accept the attachment means.
2. The bolted glass system of Claim 1, wherein said interlayer
 comprises a thermoplastic polymer composition having a Storage
 Young's Modulus of 100 -1,000 MPa (mega Pascals) at 1.0 Hz and
15 25°C, as determined according to ASTM D 5026-95a.
3. The bolted glass system of Claim 2, wherein said interlayer
 consists essentially of a water insoluble salt of a copolymer of
 ethylene and methacrylic acid or acrylic acid containing 14-28% by
20 weight of the acid and having about 20-60% by weight of the acid
 neutralized with sodium ion, or zinc ion, or magnesium ion, or
 combinations thereof, and the ionomer resin has a melt index of
 about 0.5 – 50.
4. The bolted glass system of Claim 3 wherein the system is
 constructed as shown in any of Figures 1 through 11.
- 25 5. The bolted glass system of Claim 3 wherein the system is
 constructed as shown in Figure 1.
6. The bolted glass system of Claim 3 wherein the system is
 constructed as shown in Figure 2.
7. The bolted glass system of Claim 3 wherein the system is
30 constructed as shown in Figure 3.
8. The bolted glass system of Claim 3 wherein the system is
 constructed as shown in Figure 4.

9. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 5.
10. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 6.
- 5 11. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 7.
12. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 8.
- 10 13. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 9.
14. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 10.
- 15 15. The bolted glass system of Claim 3 wherein the system is constructed as shown in Figure 11.